

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

02/26/2004 HDEMESS1 00000026 090458 10708340

01 FC:1001 770.00 DA

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

1592003041451

CLAIMS AS FILED - PART I

| | (Column 1) | (Column 2) |
|-----------------------------------------------------------|---------------|--------------|
| TOTAL CLAIMS | 20 | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 20 minus 20 = | * 0 |
| INDEPENDENT CLAIMS | 2 minus 3 = | * 0 |
| MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/> | | |

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

| | (Column 1) | (Column 2) | (Column 3) |
|-------------------------------------------------------------------------|----------------------------------|------------------------------------|---------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus | ** |
| Independent | * | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

I II

| | (Column 1) | (Column 2) | (Column 3) |
|-------------------------------------------------------------------------|----------------------------------|------------------------------------|---------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus | ** |
| Independent | * | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

| | (Column 1) | (Column 2) | (Column 3) |
|-------------------------------------------------------------------------|----------------------------------|------------------------------------|---------------|
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * | Minus | ** |
| Independent | * | Minus | *** |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/> | | | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

| RATE | FEE |
|-----------|--------|
| BASIC FEE | 385.00 |
| X\$ 9= | |
| X43= | |
| +145= | |
| TOTAL | |

| RATE | FEE |
|-----------|--------|
| BASIC FEE | 770.00 |
| X\$18= | |
| X86= | |
| +290= | |
| TOTAL | 770 |

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 9= | |
| X43= | |
| +145= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$18= | |
| X86= | |
| +290= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 9= | |
| X43= | |
| +145= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$18= | |
| X86= | |
| +290= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$ 9= | |
| X43= | |
| +145= | |
| TOTAL ADDIT. FEE | |

| RATE | ADDITIONAL FEE |
|------------------|----------------|
| X\$18= | |
| X86= | |
| +290= | |
| TOTAL ADDIT. FEE | |

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 56075
Application ID: 10708340
Title of Invention: STRUCTURE AND METHOD OF
SELF-ALIGNED BIPOLAR
TRANSISTOR HAVING TAPERED
COLLECTOR
First Named Inventor: Hiroyuki Akatsu
Domestic/Foreign Application: Domestic Application
Filing Date: 2004-02-25
Effective Receipt Date: 2004-02-25
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation number: 2339
Attorney Docket Number: FIS920030411US1



Total Fees Authorized: 810.0
Payment Category: Deposit Account
Deposit Account Number: 90458
Deposit Account Name: H. Daniel Schnurmann
RAM Payment Status: RAM has not been processed

Digital Certificate Holder: cn=H. Daniel Schnurmann,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: da2c4ce1154c300c58f7a1b19a88529398d7d3c3